BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

	Estimate Cost Rs.	1700000.00

Name of Work: Detailed Estimate for the work of Reconstruction of damaged and flood proning **Culverts and drains in ward No- 01 of yelahanka Sub division.**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : earth work excavation for foundation of buildings, culvers water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications specification No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2014-15	cum							
	for Culvert		16	7.00	1.50	1.20	201.60		
							201.60	**176.04**	**35490.00**
	Basic Rate	163.00							
	Area Weightage @ 8%	13.04							
	Total	176.04							
2	KSRB M100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing (open al loading with front end loader dumping turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M 100.4.1 cost of haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 :SR 2014-15)	cum							
			Vide Item No. 2				201.60	79.10	15946.00
	Basic Rate for loading and unloading	63.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		73.24							
	Area Weightage @ 8%	5.86							
	Total	79.10							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement at 150kgs with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No 4.3/ PWD SR 2014-15	Cum							
	for culvert		16	7.00	1.20	0.15	20.16		
							20.16	4847.04	97716.00
	Basic Rate	4488.00							
	Area Weighlage @ 8%	359.04							
	Total	4847.04							
4	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103:1999Reiforced machine mixed exceeding 15mm thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc. including cost of all materials, labour HOM of machinery, curing, complete as per specifications Specification No. KBS 4.1.4.0, No KBS 4.1.4.0, No. 13/ Item No 4.11/ PWD SR 2014-15	Cum							
	bed for culvert	16x1	16	7.00	1.20	0.20	26.88		
	side walls	16x2	32	7.00	0.20	0.90	40.32		
	deck	16x1	16	7.00	1.20	0.23	30.91		
							98.11	6065.28	595077.00
	Basic Rate	5616.00							
	Area Weighlage @ 8%	449.28							
	Total	6065.28							

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No 19/ Item No. 4.46/ PWD SR 2014-15	Quintal							
	for culvert 100Kg/cum		1.000	98.11			98.11		
				98.11			98.11	7254.60	711783.00
	Basic Rate	7254.60							
8	KSRB 4-6.4 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters buttresses buttresses plinth and string course including cost of all materials, labour comolete as per specifications Specification NO KBS 4.6.2 Page No. 15/ Item No. 4.31/ PWD SR 2014-15	sqm							
	side walls	16x4	64	7.00	0.90		403.20		
		16x1	16	7.00	1.20		134.40		
	deck	16x2	32	7.00	0.23		51.52		
		16x2	32	1.20	0.23		8.83		
							597.95	292.68	175009.00
	Basic Rate	271.00							
	Area Weighlage @ 8%	21.68							
	Total	292.68							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	RCC Precast covering slab for drain (10cm thick)	sqm							
	missing covering slab for existing RCC drain		1	38.00	0.90		34.20		
							34.20	1498.00	51232.00
	Rate Approved by BBMP	1498.00							17000.00
8	1% of Quality control charges								747.00
9	Miscellaneous charges							Total	1700000.00
	(Rupees Seventeen Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 17.00 lakhs Seventeen Lakhs only accorded vide P. MAH. 2014-15

Registered as CE (N) ..... Subject to conditions contained in enclosed memo No. CE/YEL/AD/2014-15 Dated 27.10.14

ASUE TA CE (NK)

TECHNICALLY SANCTIONED for Rupees Seventeen Lakhs only under P. MAH. - 2014-15

Registered as CE (N) No. ..... Subject to conditions contained in enclosed memo CE (N) No. ..... Dated 28/10/14

Certified As Sanctioned Rs. 17.00 Lacs

Executive Engineer